SASKATCHEWAN COMPUTER SCIENCE 30 · UNIT E · 25 QUESTIONS

Collaborative Programming and Coding Practices — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Tracking changes to code over time is called**

A version control

B commit

C merge

D branch

Understand It with Pulse | Flag a mistake

2 Version control is useful mainly for

- A deleting code
- B tracking changes over time
- C speeding up computers
- D hiding errors

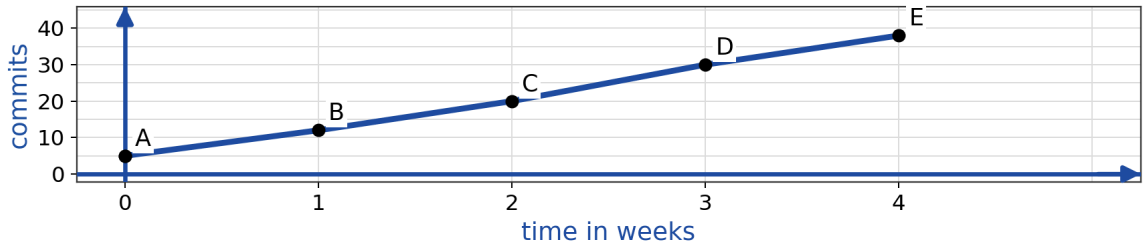
Understand It with Pulse | Flag a mistake

3 The decimal number 13 written in binary is ____

ANSWER _____

Understand It with Pulse | Flag a mistake

4 The graph shows commits over weeks. The commits in week 3 is _____



ANSWER _____

Understand It with Pulse | Flag a mistake

5

A stored copy of a project and its history is called

- A merge
- B branch
- C repository
- D code review

Understand It with Pulse | Flag a mistake

6

A commit in version control

- A deletes a branch
- B runs tests only
- C publishes a website
- D saves a snapshot of changes

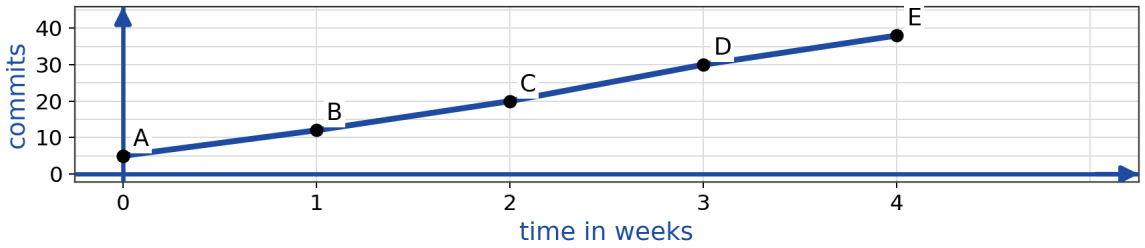
Understand It with Pulse | Flag a mistake

7 **The decimal number 10 written in binary is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The graph shows commits over time. The team activity is**



A increasing

B decreasing

C flat

D stopped

Understand It with Pulse | Flag a mistake

9 **Saving a snapshot of changes to a repository is called**

A branch

B commit

C code review

D pair programming

Understand It with Pulse | Flag a mistake

10 **A merge combines**

A two computers

B two files into one image

C changes from different branches

D all tests

Understand It with Pulse | Flag a mistake

11 **The decimal number 21 written in binary is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **Combining changes from different branches is called**

A code review

B pair programming

C testing

D merge

Understand It with Pulse | Flag a mistake

13 **Code review helps a team by**

A catching errors before code is accepted

B slowing all work forever

C removing documentation

D deleting branches

Understand It with Pulse | Flag a mistake

14 **When two programmers work on the same project, version control mainly helps them**

A avoid overwriting each other work

B type faster

C write longer code

D hide their code

Understand It with Pulse | Flag a mistake

15 **A separate line of work in a repository is called**

- A pair programming
- B branch
- C testing
- D documentation

Understand It with Pulse | Flag a mistake

16 **Pair programming means**

- A one programmer works alone
- B two programs run at once
- C two programmers work together on one task
- D code is written twice

Understand It with Pulse | Flag a mistake

17 **A team agrees on naming rules for variables before coding. The main benefit is that the code is**

- A easier for everyone to read
- B shorter in every case
- C run without errors
- D stored in one file

Understand It with Pulse | Flag a mistake

18 **Checking another person code before it is accepted is called**

- A testing
- B documentation
- C style guide
- D code review

Understand It with Pulse | Flag a mistake

19 **A style guide helps a team by making code**

A consistent and readable

B longer always

C secret

D faster to run

Understand It with Pulse | Flag a mistake

20 **A programmer converts the decimal number 25 to binary. The binary result is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **Two programmers working together on one task is called**

A documentation

B pair programming

C style guide

D version control

Understand It with Pulse | Flag a mistake

22 **A code review is useful because**

A another programmer may spot errors the author missed

B it makes the program run faster

C it removes the need for testing

D it writes the code for you

Understand It with Pulse | Flag a mistake

23 **Running code with known inputs to check outputs is called**

A style guide

B version control

C testing

D repository

Understand It with Pulse | Flag a mistake

24 **Sharing code openly with credit to the author is an example of**

A open source collaboration

B plagiarism

C hacking

D copyright theft

Understand It with Pulse | Flag a mistake

25

Written explanation of how code works is called

A version control

B repository

C commit

D documentation

Understand It with Pulse

Flag a mistake

ANSWER KEY

1. A
2. B
3. 1101
4. 30
5. C
6. D
7. 1010
8. A
9. B
10. C
11. 10101
12. D
13. A
14. A
15. B
16. C
17. A
18. D
19. A
20. 11001
21. B
22. A
23. C
24. A
25. D

© 2026 Brett Robbins. All Rights Reserved.